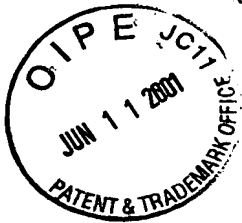


ATTORNEY DOCKET NUMBER  
062891.0506

PATENT  
09/814,356

Receipt



1

*valid*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Billy G. Moon  
Serial No.: 09/814,356  
Filing Date: March 21, 2001  
Confirmation No.: 3926  
Title:

REDUNDANT PACKET SELECTION AND  
MANIPULATION IN WIRELESS COMMUNICATIONS  
SYSTEMS

RECEIVED  
AUG 15 2001  
Technology Center 2600

#3  
8/16/01  
NB

Office of Initial Patent Examination's Customer  
Service Center  
Assistant Commissioner of Patents  
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Office of Initial Patent Examination's Customer Service Center, Assistant Commissioner of Patents, Washington, D.C. 20231, on the date shown below.

*[Signature]*  
Name  
*6/7/01*  
Date

Dear Sir:

REQUEST FOR CORRECTED OFFICIAL FILING RECEIPT

Attached is a copy of the Official Filing Receipt received from the U.S. Patent and Trademark Office in the above-identified patent application for which issuance of a corrected filing receipt is respectfully requested.

The Applicant's first name is incorrectly spelled on the Official Filing Receipt. Please delete "Biily" and insert --**BILLY**--.

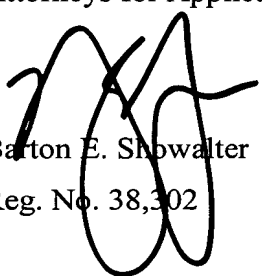
Pursuant to 37 C.F.R. § 1.213 (a), at the time the application was filed Applicants requested that this application not be published. The Official Filing Receipt does not reflect this request. For the Non-Publication Request, please delete "No", and insert **--YES--**. Additionally, please delete the Projected Publication Date of "09/26/2002" and insert **--REQUEST FOR NON-PUBLICATION ACKNOWLEDGED--**. A copy of the transmittal form which was filed with the application is included and reflects Applicants preference for non-publication. A corrected filing receipt is respectfully requested.

While it is believed that this is not an error by the Applicants, the Commissioner is hereby authorized to charge any amount required by this paper or credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

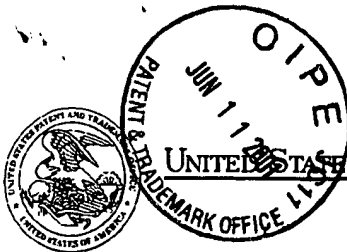
Respectfully submitted this 7<sup>th</sup> day of June, 2001.

BAKER BOTTS L.L.P.

Attorneys for Applicants

  
Barton E. Showalter  
Reg. No. 38,302

2001 Ross Avenue, Suite 600  
Dallas, Texas 75201-2980  
(214)953-6509  
(sds)



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/814,356	03/21/2001	2681	1738	062891.0506	7	46	10

CONFIRMATION NO. 3926

## FILING RECEIPT



\*OC00000006104544\*

Barton E. Showalter  
Baker Botts L.L.P.  
Suite 600  
2001 Ross Avenue  
Dallas, TX 75201

Date Mailed: 05/22/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) BILLY  
~~Billy~~ G. Moon, Morrisville, NC;

Assignment For Published Patent Application  
Cisco Technology, Inc.;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted 05/22/2001

Projected Publication Date: ~~09/26/2002~~ **REQUEST FOR NON-PUBLICATION ACKNOWLEDGED**

Non-Publication Request: ~~No~~ **YES**

Early Publication Request: No

Title

Redundant packet selection and manipulation in wireless communications systems

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AUG 15 2001  
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**Preliminary Class**

455

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**Data entry by : RIMANDO, EMELITA**

**Team : OIPE**

**Date: 05/22/2001**

[REDACTED]

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

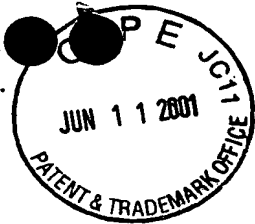
- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

1. The invention is a method for  
determining the optimal  
parameters for a  
machine learning model.

Attorney's Docket No.  
062891.0506



PATENT APPLICATION

1

TRANSMITTAL FOR U.S. PATENT APPLICATION  
UNDER 37 CFR §1.53(b)

**Box Patent Application**  
ASSISTANT COMMISSIONER  
OF PATENTS  
Washington, D.C. 20231

Attorney's Docket: 062891.0506

Sir:

Transmitted herewith for filing is the original patent application of: **AUG 15 2001**

Inventor: Billy G. Moon

**RECEIVED**  
Technology Center 2600

For: **REDUNDANT PACKET SELECTION AND MANIPULATION IN  
WIRELESS COMMUNICATIONS SYSTEMS**

Pursuant to 37 C.F.R. § 1.213(a), Applicants respectfully request that the above-identified patent application not be published under 35 U.S.C. § 122(b). Applicants hereby certify that the invention disclosed in the above-identified application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Enclosed are:

- (1) 52 pages of Specification, Claims and Abstract;
- (2) 3 pages of Executed Declaration and Power of Attorney;
- (3) 7 pages of Formal Drawings;
- (4) 1 page of an Assignment of the invention to Cisco Technology, Inc.;
- (5) 1 page of separate cover sheet in compliance with 37 C.F.R. § 3.28 and § 3.31 is included with an Assignment recordal fee of \$40.00 pursuant to 37 C.F.R. § 1.21(h);
- (6) 1 page Certificate of Mailing by Express Mail;
- (7) 1 page Patent Application Bibliographic Datasheet (PrintEFS Version 1.0.1);
- (8) 1 pages of Information Disclosure Statement with attached 1 page of PTO-1449 form and 6 references; and
- (9) This Transmittal Form with attached patent application filing fee in the amount of \$1,738.00.

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee \$710.00
Total Claims	46	20	26	X \$18 =	468.00
Independent Claims	10	3	7	X \$80 =	560.00
TOTAL FILING FEE =					\$1,738.00

Attorney's Docket No.  
062891.0506

PATENT APPLICATION

2

Enclosed is a check in the amount of \$1,738.00 for filing fee. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

BAKER BOTTS L.L.P.  
Attorneys for Applicant



Brian W. Oaks  
Registration No 44,981

Date: 3/24/2001

CORRESPONDENCE ADDRESS:

Baker Botts L.L.P.  
2001 Ross Avenue, Suite 600  
Dallas, TX 75201-2980

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Bib Data Sheet

CONFIRMATION NO. 3926

<b>SERIAL NUMBER</b> 09/814,356	<b>FILING DATE</b> 03/21/2001 <b>RULE</b>	<b>CLASS</b> 455	<b>GROUP ART UNIT</b> 2682	<b>ATTORNEY DOCKET NO.</b> 062891.0506	
<b>APPLICANTS</b> Billy G. Moon, Morrisville, NC;					
<b>** CONTINUING DATA *****</b>					
<b>** FOREIGN APPLICATIONS *****</b>					
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 05/22/2001</b>					
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		<b>STATE OR COUNTRY</b> NC	<b>SHEETS DRAWING</b> 7	<b>TOTAL CLAIMS</b> 46	<b>INDEPENDENT CLAIMS</b> 10
<b>ADDRESS</b> Barton E. Showalter Baker Botts L.L.P. Suite 600 2001 Ross Avenue Dallas, TX 75201					
<b>TITLE</b> Redundant packet selection and manipulation in wireless communications systems					
<b>FILING FEE RECEIVED</b> 1738	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit		